



Attorney's Docket No. 04860.P2686

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Examiner: Barry J. O'Brien
Joseph P. Bratt, et al.) Art Unit: 2183
Application No.: 10/038,351)
Filing Date: December 31, 2001)
For: Apparatus for Parallel Table Look-up) 12-9-04
) (Date of Deposit)
)
) Joyce Klein
) (Name of Person Mailing Correspondence)
)
) J. Klein 12-9-04
) (Signature) (Date)

Commissioner for Patents
P.O. Box 1450,
Alexandria, VA 22313-1450

CROSS-REFERENCE TO RELATED APPLICATIONS

Examiner:

For the above-referenced patent application, Applicants note the following related co-pending U.S. patent applications:

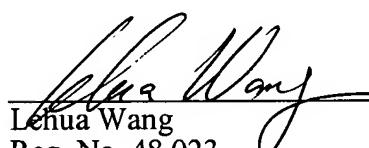
1. U.S. Patent Application Serial No. 10/038,273, filed December 31, 2001
2. U.S. Patent Application Serial No. 10/038,301, filed December 31, 2001
3. U.S. Patent Application Serial No. 10/038,351, filed December 31, 2001
4. U.S. Patent Application Serial No. 10/038,383, filed December 31, 2001
5. U.S. Patent Application Serial No. 10/038,406, filed December 31, 2001
6. U.S. Patent Application Serial No. 10/038,431, filed December 31, 2001

7. U.S. Patent Application Serial No. 10/038,456, filed December 31, 2001
8. U.S. Patent Application Serial No. 10/038,473, filed December 31, 2001
9. U.S. Patent Application Serial No. 10/038,478, filed December 31, 2001
10. U.S. Patent Application Serial No. 10/038,700, filed December 31, 2001
11. U.S. Patent Application Serial No. 10/038,742, filed December 31, 2001
12. U.S. Patent Application Serial No. 10/038,797, filed December 31, 2001
13. U.S. Patent Application Serial No. 10/038,893, filed December 31, 2001
14. U.S. Patent Application Serial No. 10/038,905, filed December 31, 2001

Respectfully submitted,

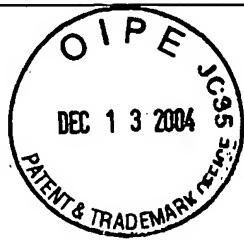
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Date: 12/9, 2004


Lenua Wang
Reg. No. 48,023
12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025-1026
(408) 720-8300

AMENDMENT TRANSMITTALPATENT

Application No.: 10/038,351
Filing Date: 12/31/2001
First Named Inventor Joseph P. Bratt
Examiner's Name: Barry J. O'Brien
Art Unit: 2183
Attorney Docket No.: 4860.P2686



 An Amendment After Final Action (37 CFR 1.116) is attached and applicant(s) request expedited action.

Charge any fee not covered by any check submitted to Deposit Account No. 02-2666.
 Applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 CFR 1.16 and 1.17, for any concurrent or future reply to Deposit Account No. 02-2666.
 Applicant(s) claim small entity status (37 CFR 1.27).

ATTACHMENTS

 Preliminary Amendment
 Amendment/Response with respect to Office Action
 Amendment/Response After Final Action (37 CFR 1.116) (reminder: consider filing a Notice of Appeal)
 Notice of Appeal
 RCE (Request for Continued Examination)
 Supplemental Declaration
 Terminal Disclaimer (reminder: if executed by an attorney, the attorney must be properly of record)
 Information Disclosure Statement (IDS)
 Copies of IDS citations
 Petition for Extension of Time
 Fee Transmittal Document (that includes a fee calculation based on the type and number of claims)
 Cross-Reference to Related Application(s)
 Certified Copy of Priority Document
 Other: _____
 Other: _____
 Check(s)
 Postcard (Return Receipt)

SUBMITTED BY:

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

TYPED OR PRINTED NAME: Lehua Wang

SIGNATURE: Lehua Wang

REG. NO.: 48,023

DATE: 12/9/04

ADDRESS: 12400 Wilshire Boulevard, Seventh Floor

Los Angeles, California 90025

TELEPHONE NO.: (408) 720-8300

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (if applicable)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria Virginia 22313-1450
on 12-9-04

Date of Deposit
Joyce Klein

Name of Person Mailing Correspondence

12-9-04

Date

Joe Metz
Signature

Express Mail Label No. (if applicable): _____

(10/14/03)

Send to: COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, Virginia 22313-1450



FEE TRANSMITTAL FOR FY 2005
(FY 2005 Begins 10/01/2004. Fee changes made on 11/22/04 and 12/08/04 are included.)

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known:

Application No. 10/038,351
Filing Date 12/31/2001
First Named Inventor Joseph P. Bratt
Examiner Name Barry J. O'Brien
Art Unit 2183
Attorney Docket No. 4860.P2686

Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account

Deposit Account Number : 02-2666

Deposit Account Name: _____

The Director is Authorized to do the following with respect to the above-identified Deposit Account:

Charge fee(s) indicated below.

Credit any overpayments.

Charge any additional fees during the pendency of this application.

Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

Charge fee(s) indicated below except for the filing fee

FEE CALCULATION

1A. BASIC FILING FEE/SEARCH FEE/EXAMINATION FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------|-------------|---------------------|-------------|------------------------------------|-------------------|
| Fee | Fee | Fee | Fee | | |
| Code | (\$) | Code | (\$) | | |
| 1011 | 300 | 2011 | 150 | Utility application filing fee | |
| 1111 | 500 | 2111 | 250 | Utility search fee | |
| 1311 | 200 | 2311 | 100 | Utility examination fee | <u>1,000/500*</u> |
| 1012 | 200 | 2012 | 100 | Design application filing fee | |
| 1112 | 100 | 2112 | 50 | Design search fee | |
| 1312 | 130 | 2312 | 65 | Design examination fee | <u>430/215*</u> |
| 1013 | 200 | 2013 | 100 | Plant filing fee | |
| 1113 | 300 | 2113 | 150 | Plant search fee | |
| 1313 | 160 | 2313 | 80 | Plant examination fee | <u>660/330*</u> |
| 1004 | 300 | 2004 | 150 | Reissue filing fee | |
| 1114 | 500 | 2114 | 250 | Reissue search fee | |
| 1314 | 600 | 2314 | 300 | Reissue examination fee | <u>1,400/700*</u> |
| 1005 | 200 | 2005 | 100 | Provisional application filing fee | |

SUBTOTAL (1) \$ _____

* List the filing, search, and examination fees separately, but pay concurrently.

1B. APPLICATION SIZE FEE

| | | | | <u>Extra Sheets</u> | <u>Fee from below</u> | <u>Fee paid</u> |
|-----------------------------------|---------------------|----------|----------|--|---------------------------|-----------------|
| Total Sheets _____ - 100 = | | | | _____ /50 = _____ * X _____ | | |
| *(round up to integer) | | | | | | |
| <u>Large Entity</u> | <u>Small Entity</u> | | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | <u>Fee Description</u> | | |
| 1081 | 250 | 2081 | 125 | Utility application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings) | | |
| 1082 | 250 | 2082 | 125 | Design application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings) | | |
| 1083 | 250 | 2083 | 125 | Plant application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings) | | |
| 1084 | 250 | 2084 | 125 | Reissue application fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings) | | |

SUBTOTAL (2) \$ 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | | | <u>Extra Claims</u> | <u>Fee from below</u> | <u>Fee Paid</u> |
|---|---------------------|------|----------|---|---------------------------|-----------------|
| Total Claims _____ - 20** = _____ | | | | X _____ | = _____ | |
| Independent Claims _____ - 3** = _____ | | | | X _____ | = _____ | |
| Multiple Dependent _____ | | | | _____ | = _____ | |
| **Or number previously paid, if greater; For Reissues, see below. | | | | | | |
| <u>Large Entity</u> | <u>Small Entity</u> | | | Fee | Fee | Fee |
| Code | Fee (\$) | Code | Fee (\$) | Fee Description | | |
| 1202 | 50 | 2202 | 25 | Claims in excess | | |
| 1201 | 200 | 2201 | 100 | Independent claims in excess of 3 | | |
| 1203 | 360 | 2203 | 180 | Multiple dependent claim, if not paid | | |
| 1204 | 200 | 2204 | 100 | **Reissue independent claims over original patent | | |
| 1205 | 50 | 2205 | 25 | **Reissue claims in excess of 20 and over original patent | | |

SUBTOTAL (3) \$ 0

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | | |
|---------------------|------------|---------------------|------------|--|-----------------|
| Fee | Fee | Fee | Fee | Fee Description | Fee Paid |
| Code | (\$) | Code | (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1813 | 8,800 | 1813 | 8,800 | Request for inter parties reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 120 | 2251 | 60 | Extension for reply within first month | |
| 1252 | 450 | 2252 | 225 | Extension for reply within second month | |
| 1253 | 1,020 | 2253 | 510 | Extension for reply within third month | |
| 1254 | 1,590 | 2254 | 795 | Extension for reply within fourth month | |
| 1255 | 2,160 | 2255 | 1,080 | Extension for reply within fifth month | |
| 1401 | 500 | 2401 | 250 | Notice of Appeal | |
| 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal | |
| 1403 | 1,000 | 2403 | 500 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 500 | 2452 | 250 | Petition to revive – unavoidable | |
| 1453 | 1,500 | 2453 | 750 | Petition to revive - unintentional | |
| 1501 | 1,400 | 2501 | 700 | Utility issue fee (or reissue) | |
| 1502 | 800 | 2502 | 400 | Design issue fee | |
| 1503 | 1100 | 2503 | 550 | Plant issue fee | |
| 1464 | 130 | 1460 | 130 | Petitions to the Commissioner (CFR 1.17(h) Group III) | |
| 1463 | 200 | 1460 | 200 | Petitions to the Commissioner (CFR 1.17(g) Group II) | |
| 1462 | 400 | 1460 | 400 | Petitions to the Commissioner (CFR 1.17(f) Group I) | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | \$180 |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 790 | 2809 | 395 | For filing a submission after final rejection (see 37 CFR 1.129(a)) | |
| 1814 | 130 | 2814 | 65 | Statutory Disclaimer | |
| 1810 | 790 | 2810 | 395 | For each additional invention to be examined (see 37 CFR 1.129(b)) | |
| 1801 | 790 | 2801 | 395 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| 1504 | 300 | 1504 | 300 | Publication fee for early, voluntary, or normal pub. | |
| 1505 | 300 | 1505 | 300 | Publication fee for republication | |
| 1803 | 130 | 1803 | 130 | Request for voluntary publication or republication | |
| 1808 | 130 | 1808 | 130 | Processing fee under 37 CFR 1.17(i) (except provisionals) | |
| 1454 | 1,370 | 1454 | 1,370 | Acceptance of unintentionally delayed claim for priority | |

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (4) \$180

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Lehua Wang

Signature: Lehua Wang

Reg. Number: 48,023

Date: 12/9/04

Telephone Number: 408-720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



DEC 13 2004

FEE TRANSMITTAL FOR FY 2005

(FY 2005 Begins 10/01/2004. Fee changes made on 11/22/04 and 12/08/04 are included.)

TOTAL AMOUNT OF PAYMENT (\$) 180.00

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Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYMENT (check all that apply)

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Deposit Account

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FEE CALCULATION

1A. BASIC FILING FEE/SEARCH FEE/EXAMINATION FEE

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| 1005 | 200 | 2005 | 100 | Provisional application filing fee | _____ |

SUBTOTAL (1) \$ _____

* List the filing, search, and examination fees separately, but pay concurrently.

1B. APPLICATION SIZE FEE

| Total Sheets | - 100 = | | Extra Sheets | Fee from below | Fee paid |
|--------------|---------|--|--------------|----------------|----------|
| | | | /50 = | * X | |

*(round up to integer)

Large Entity Small Entity

Fee

Code

Fee (\$)

Fee

Code

Fee (\$)

Fee Description

| | | | | |
|------|-----|------|-----|--|
| 1081 | 250 | 2081 | 125 | Utility application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings) |
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SUBTOTAL (2) \$ 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | - 20** = | | Extra Claims | Fee from below | Fee Paid |
|--------------------|----------|--|--------------|----------------|----------|
| Independent Claims | - 3** = | | X | = | |
| Multiple Dependent | | | X | = | |
| | | | | = | |

**Or number previously paid, if greater; For Reissues, see below.

Large Entity Small Entity

Fee

Code

Fee (\$)

Fee

Code

Fee (\$)

Fee Description

| | | | | |
|------|-----|------|-----|---|
| 1202 | 50 | 2202 | 25 | Claims in excess |
| 1201 | 200 | 2201 | 100 | Independent claims in excess of 3 |
| 1203 | 360 | 2203 | 180 | Multiple dependent claim, if not paid |
| 1204 | 200 | 2204 | 100 | **Reissue independent claims over original patent |
| 1205 | 50 | 2205 | 25 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (3) \$ 0

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| <u>Large Entity</u> | | <u>Small Entity</u> | | | |
|---------------------|--------|---------------------|--------|--|-----------------|
| Fee | Fee | Fee | Fee | <u>Fee Description</u> | <u>Fee Paid</u> |
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| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| 1504 | 300 | 1504 | 300 | Publication fee for early, voluntary, or normal pub. | |
| 1505 | 300 | 1505 | 300 | Publication fee for republication | |
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| 1808 | 130 | 1808 | 130 | Processing fee under 37 CFR 1.17(i) (except provisionals) | |
| 1454 | 1,370 | 1454 | 1,370 | Acceptance of unintentionally delayed claim for priority | |

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (4) \$180

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Lehua Wang

Signature: Lehua Wang

Reg. Number: 48,023

Date: 12/9/04

Telephone Number: 408-720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450